

FIG. 1

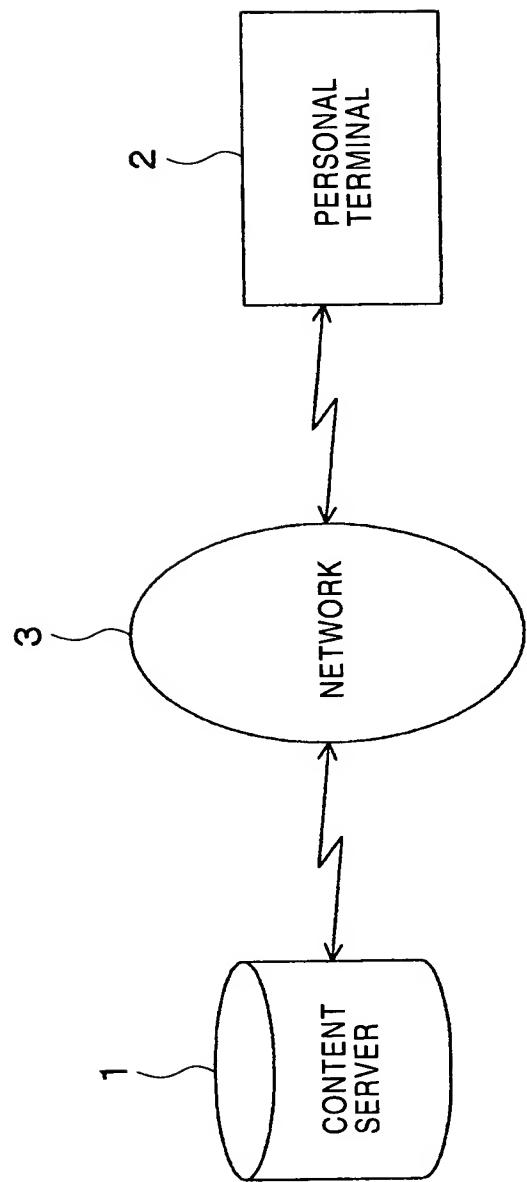


FIG. 2

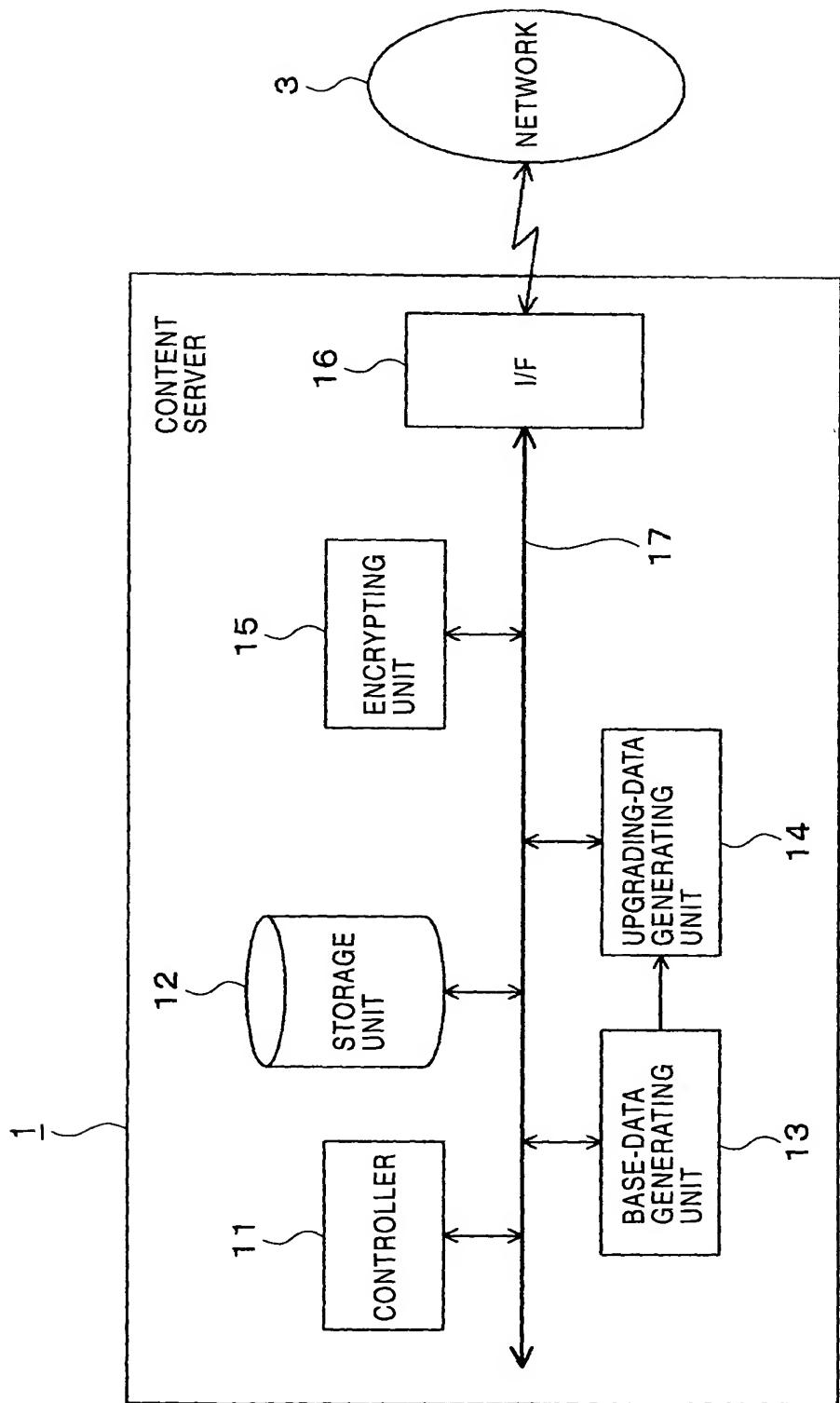


FIG. 3

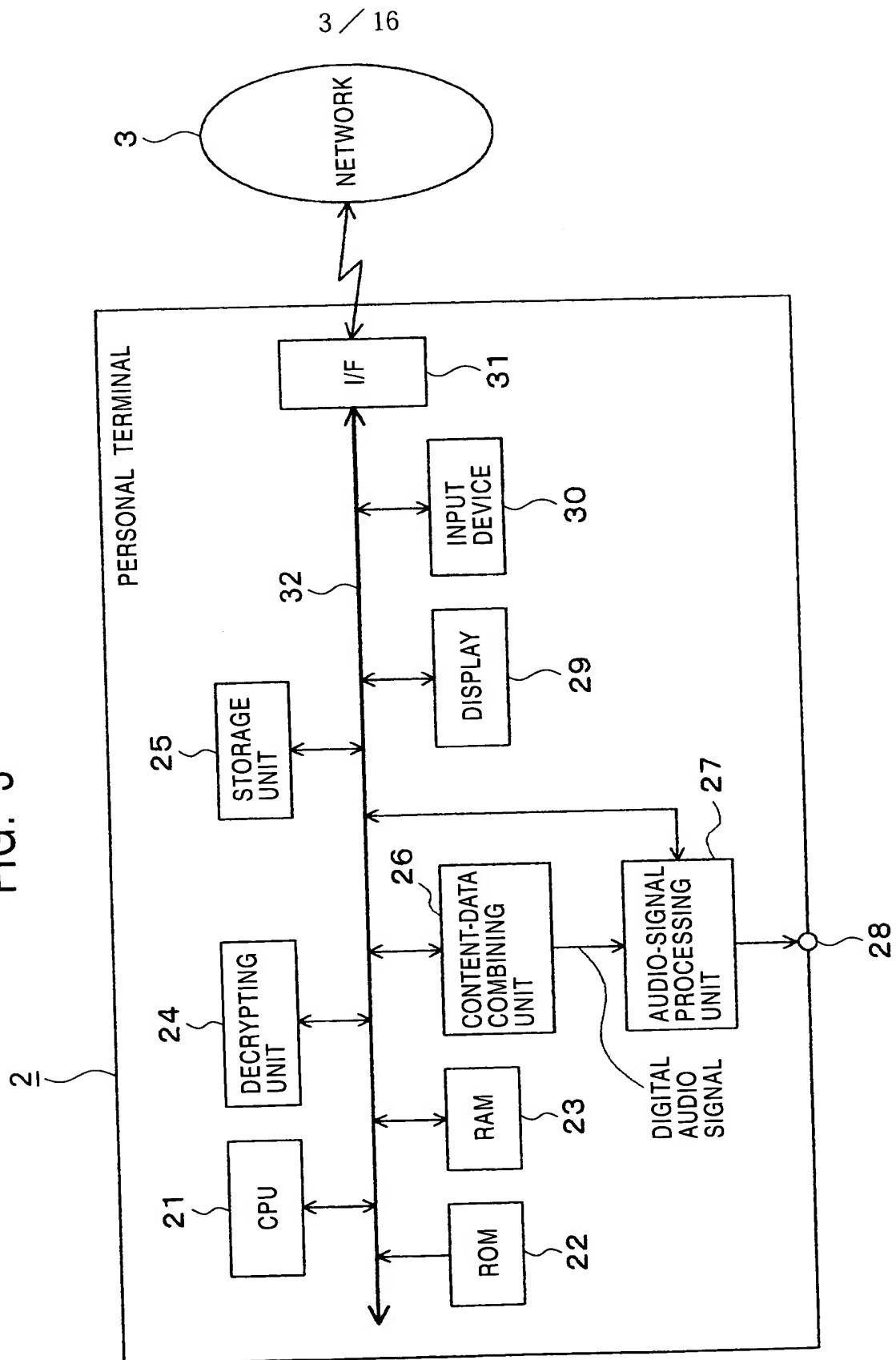


FIG. 4

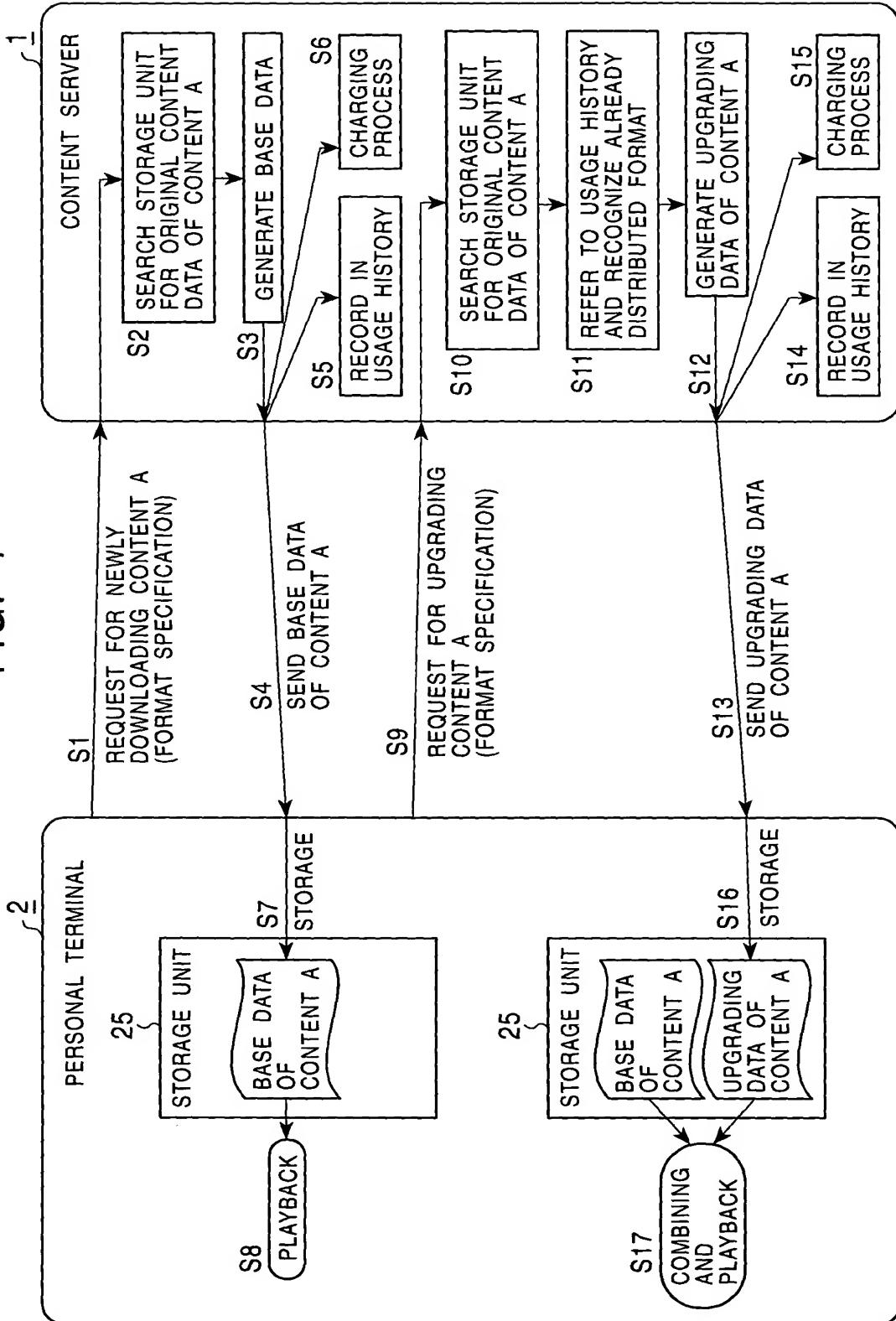


FIG. 5

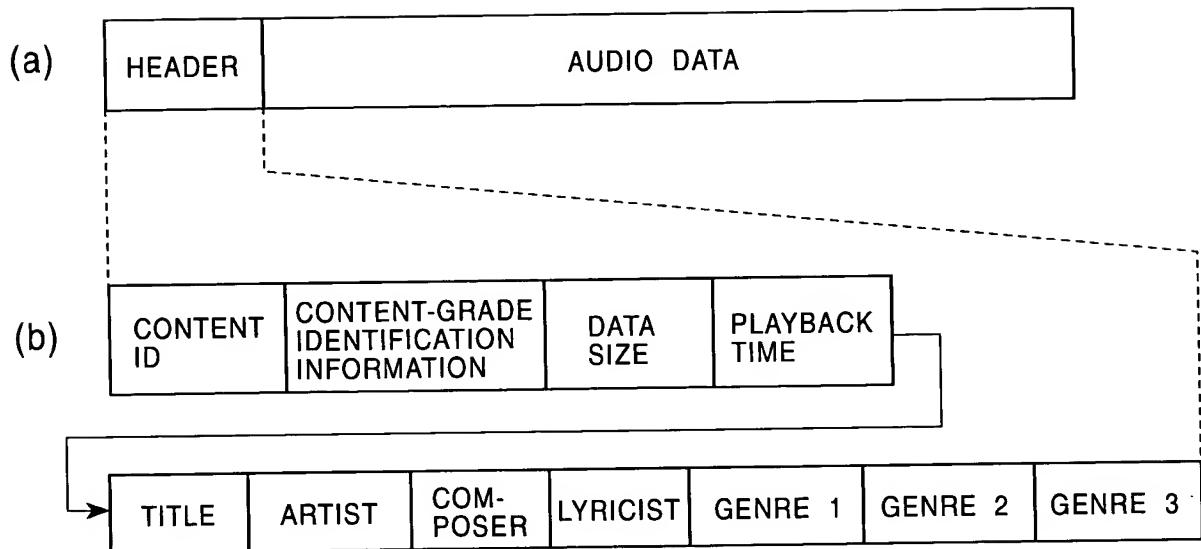


FIG. 6

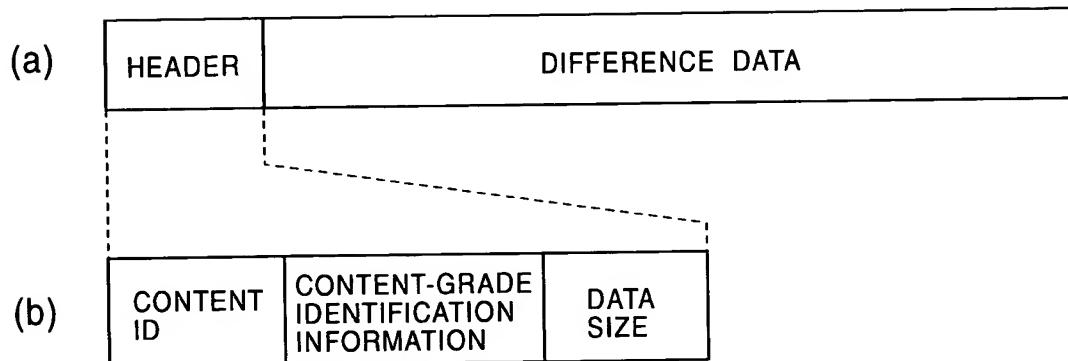


FIG. 7

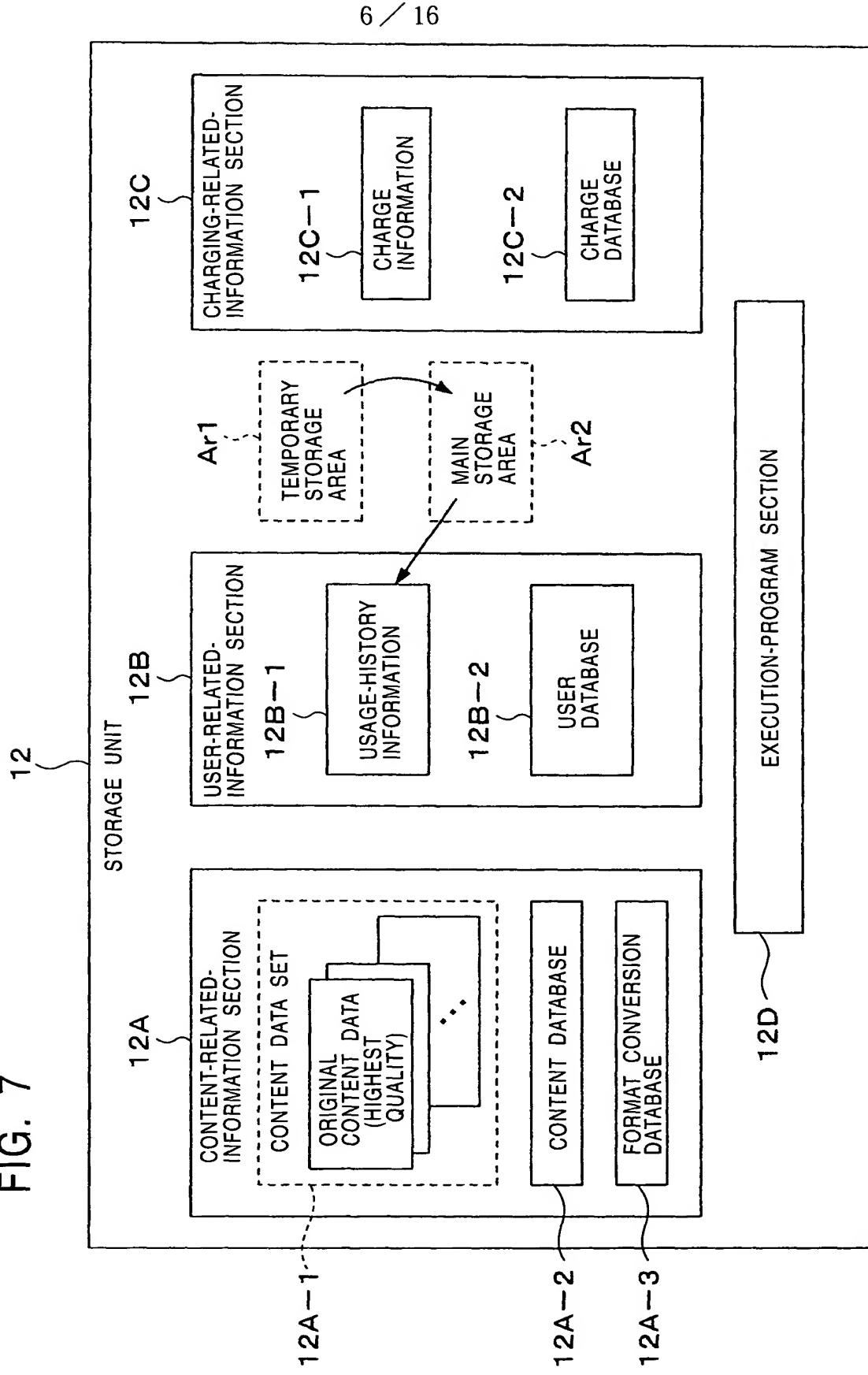


FIG. 8

UPGRADING FORMAT							
BASE FORMAT							
[0] 192 kHz/24 bits	—	—	—	—	—	—	—
[1] 96 kHz/24 bits	UP-GRADABLE	—	—	—	—	—	—
[2] 88.2 kHz/24 bits	—	—	—	—	—	—	—
[3] 48 kHz/16 bits	UP-GRADABLE	UP-GRADABLE	—	—	—	—	—
[4] 44.1 kHz/20 bits	—	—	UP-GRADABLE	—	—	—	—
[5] 44.1 kHz/16 bits	—	—	UP-GRADABLE	—	UP-GRADABLE	—	—
[6] ATRAC	—	—	UP-GRADABLE	—	UP-GRADABLE	—	—
[7] 22.05 kHz/8 bits	—	—	UP-GRADABLE	—	UP-GRADABLE	UP-GRADABLE	—
:	:	:	:	:	:	:	:

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FIG. 9

FORMAT NUMBER	FORMAT
0	192 kHz/24 bits
1	96 kHz/24 bits
2	88.2 kHz/24 bits
3	48 kHz/16 bits
4	44.1 kHz/20 bits
5	44.1 kHz/16 bits
6	ATRAC
7	22.05 kHz/8 bits
:	:

FIG. 10

UPGRADING TYPE	BASE FORMAT	UPGRADING FORMAT
1-0	96 kHz/24 bits	192 kHz/24 bits
3-0	48 kHz/16 bits	192 kHz/24 bits
3-1	48 kHz/16 bits	96 kHz/24 bits
4-2	44.1 kHz/20 bits	88.2 kHz/24 bits
5-2	44.1 kHz/16 bits	88.2 kHz/24 bits
5-4	44.4 kHz/16 bits	44.1 kHz/20 bits
6-2	ATRAC	88.2 kHz/24 bits
6-4	ATRAC	44.1 kHz/20 bits
6-5	ATRAC	44.1 kHz/16 bits
7-2	22.05 kHz/8 bits	88.2 kHz/24 bits
7-4	22.05 kHz/8 bits	44.1 kHz/20 bits
7-5	22.05 kHz/8 bits	44.1 kHz/16 bits
7-6	22.05 kHz/8 bits	ATRAC
:	:	:

FIG. 11

		FIRST DOWNLOADING (BASE DATA)		SECOND DOWNLOADING (UPGRADING DATA)	
CONTENT ID	BASE FORMAT	DATE AND TIME	UPGRADING FORMAT	DATE AND TIME	
					====
					...
					...
					...
⋮	⋮	⋮	⋮	⋮	⋮

FIG. 12

USER ID	PASSWORD	HISTORY-INFORMATION pointer	MOST USED GENRE	MONTHLY SERVICE CHARGE
⋮	⋮	⋮	⋮	⋮

FIG. 13

CONTENT ID	SERVICE CHARGE (192 kHz/24 bits)	SERVICE CHARGE (96 kHz/24 bits)	
			====
			...
			...
			...
⋮	⋮	⋮	⋮

**FIG. 14**

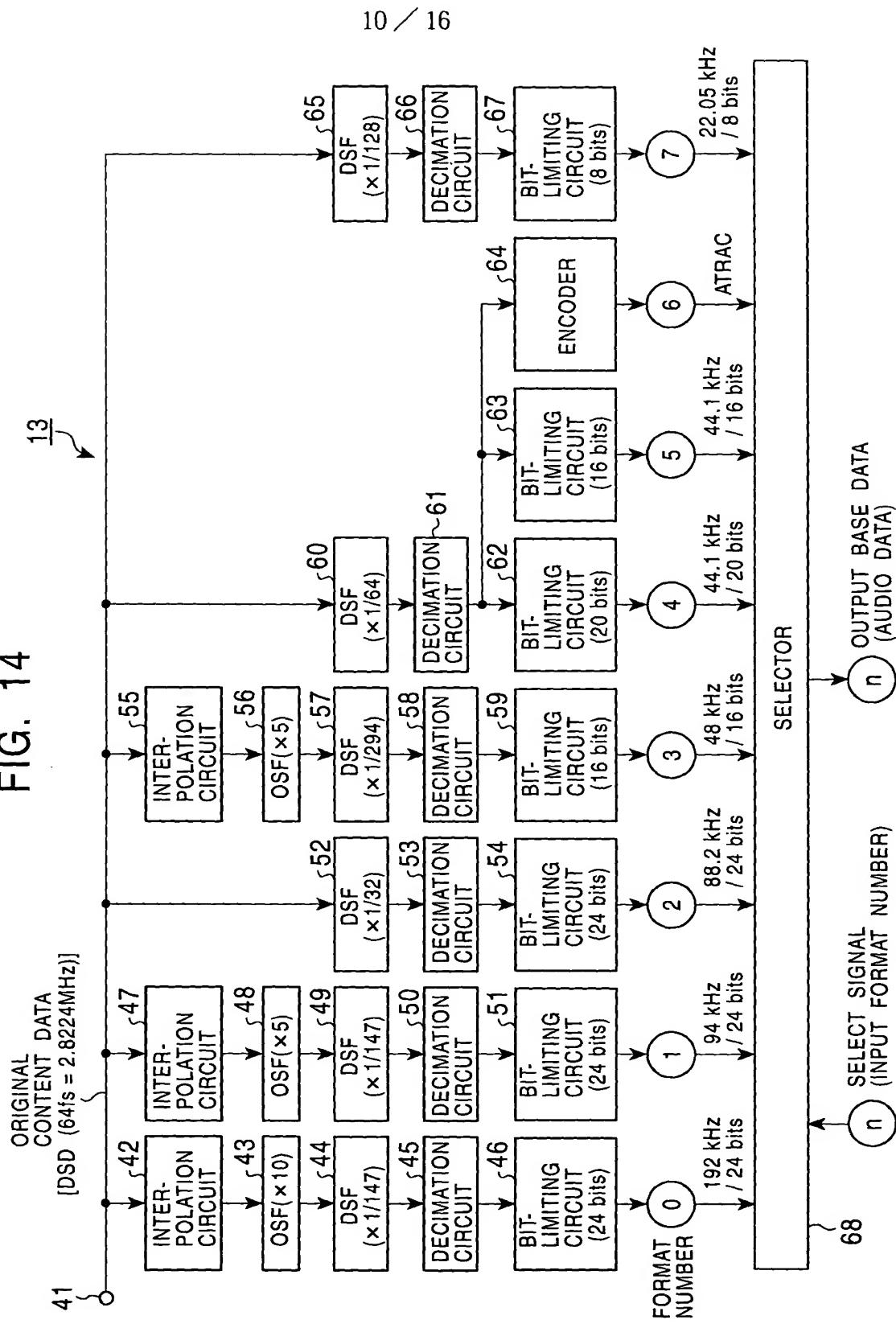


FIG. 15

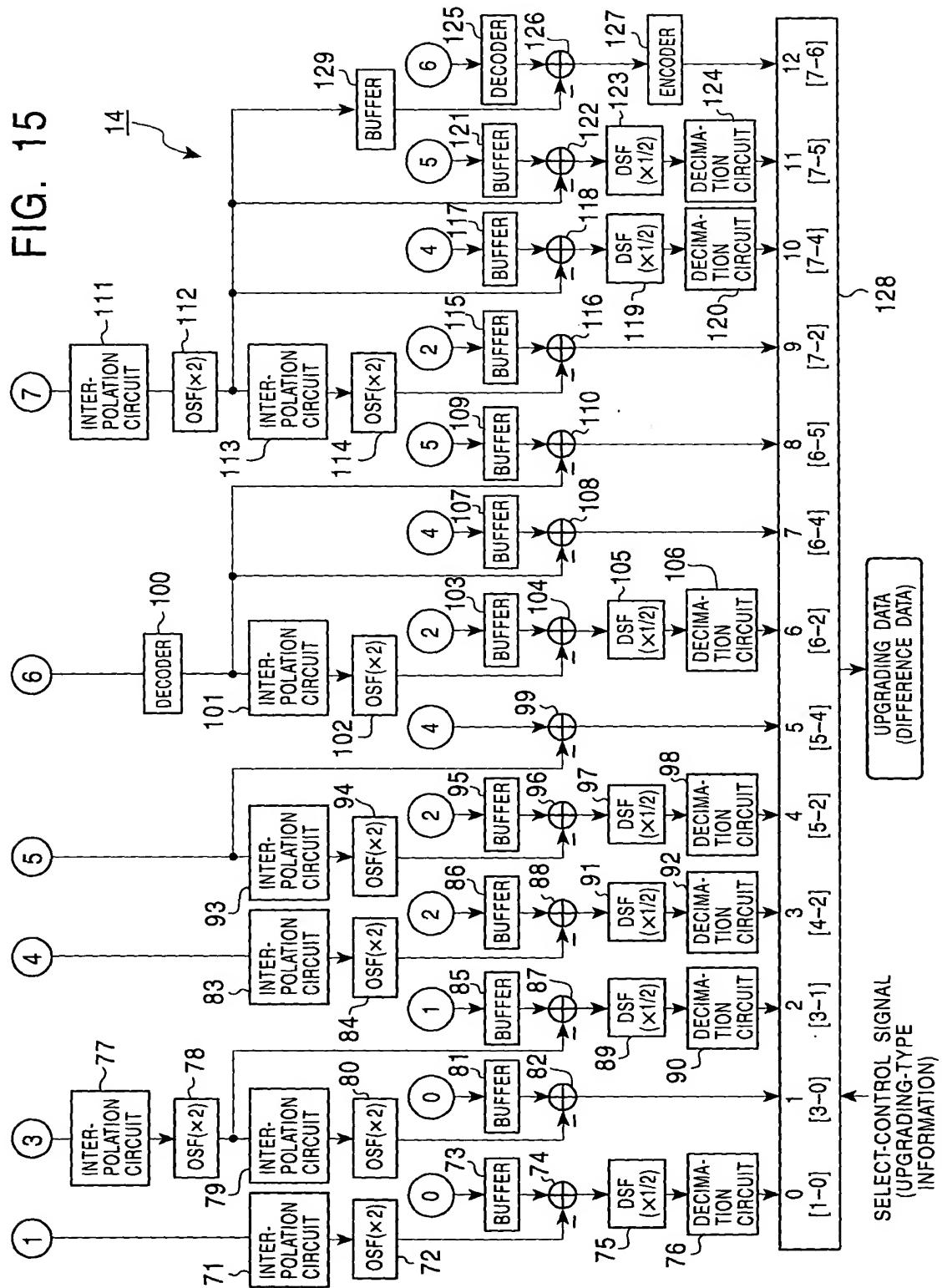


FIG. 16

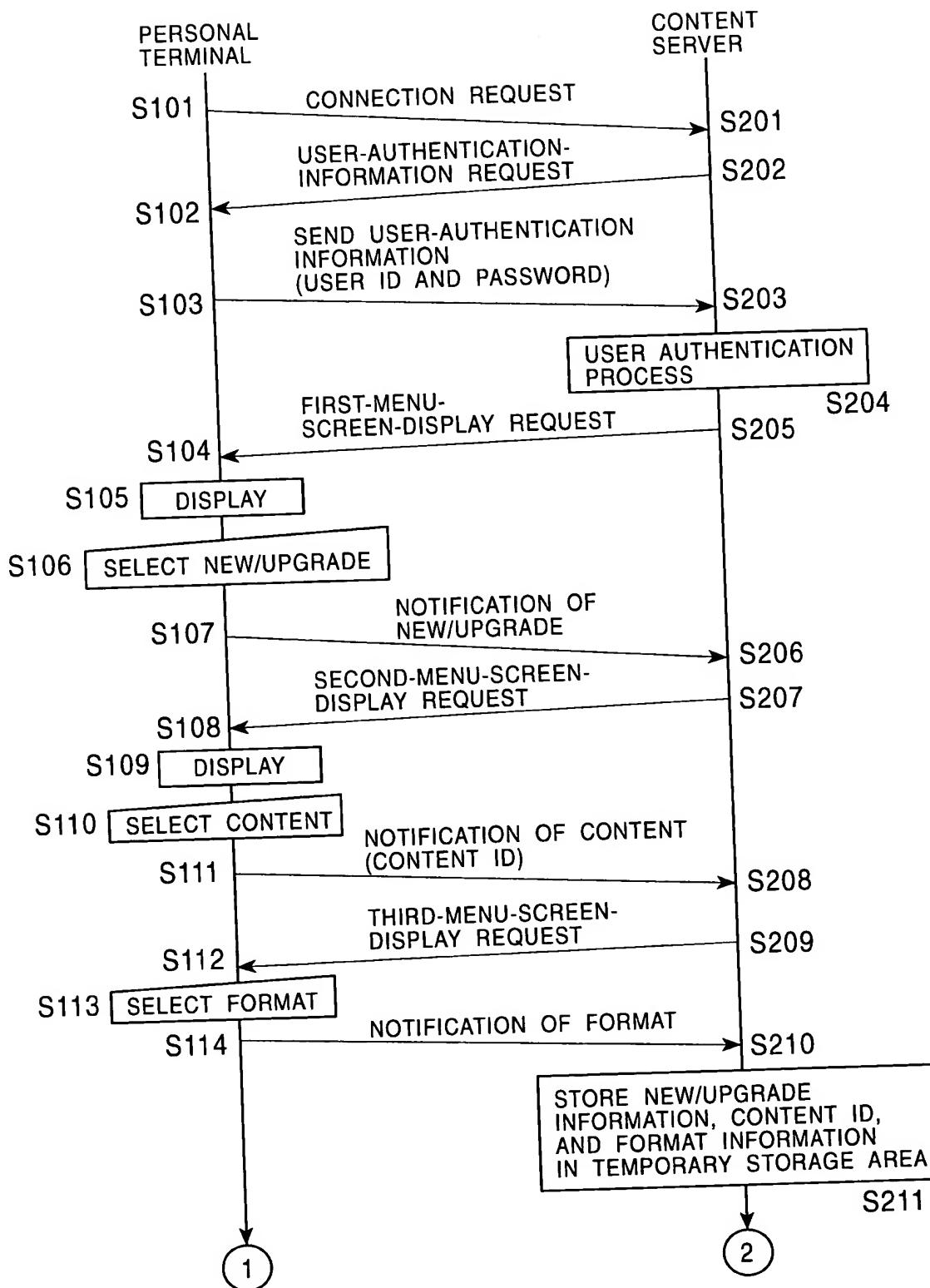


FIG. 17

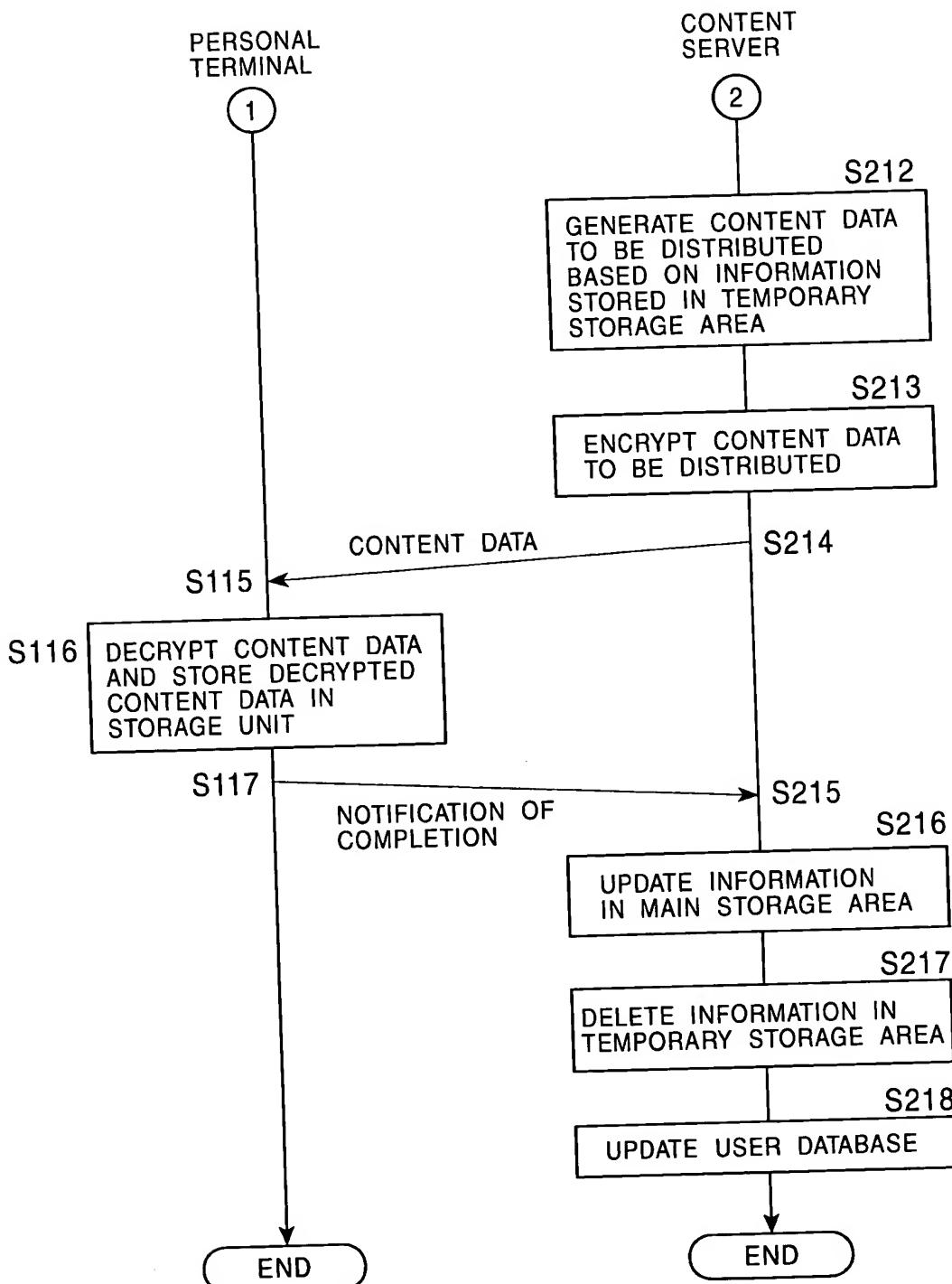


FIG. 18

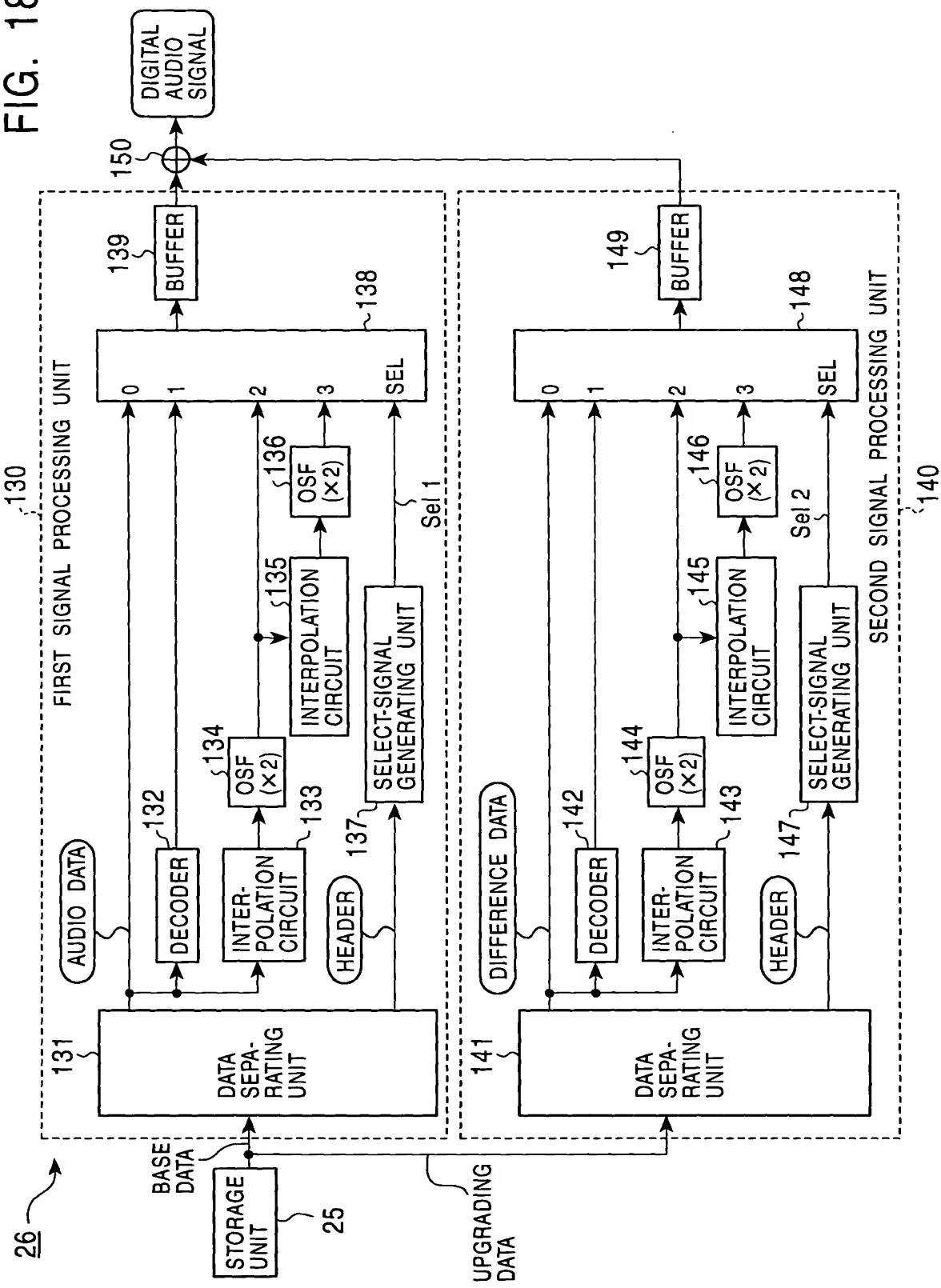
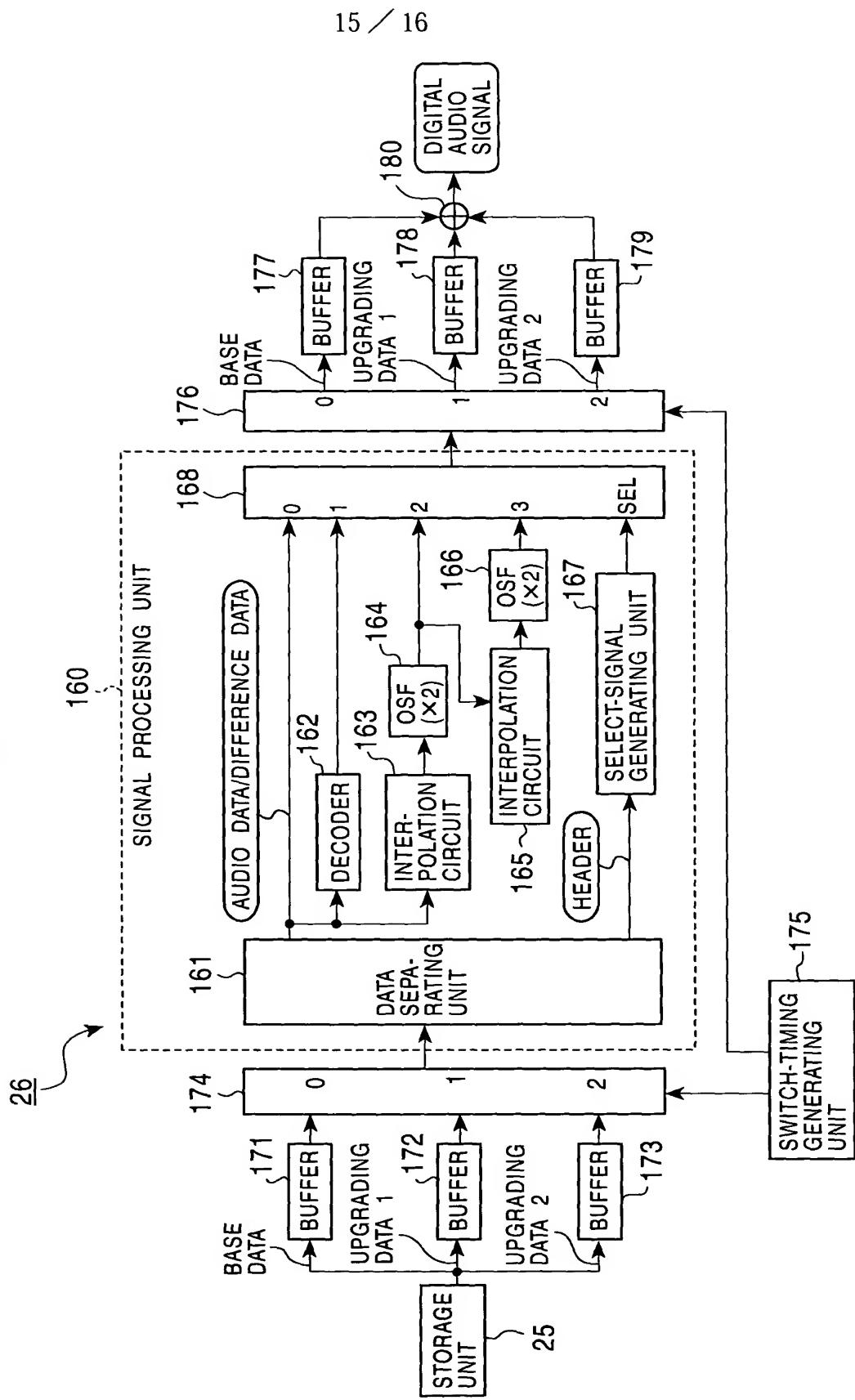


FIG. 19



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FIG. 20

CONTENT GRADE		SELECT-SIGNAL OUTPUT	
		Sel 1	Sel 2
FORMAT NUMBER	0	0	-
	1	0	-
	2	0	-
	3	0	-
	4	0	-
	5	0	-
	6	1	-
	7	0	-
UP- GRADING TYPE	1 - 0	0	2
	3 - 0	3	0
	3 - 1	0	2
	4 - 2	0	2
	5 - 2	0	2
	5 - 4	0	0
	6 - 2	1	2
	6 - 4	1	0
	6 - 5	1	0
	7 - 2	3	0
	7 - 4	0	2
	7 - 5	0	2
	7 - 6	0	1
	:	:	: